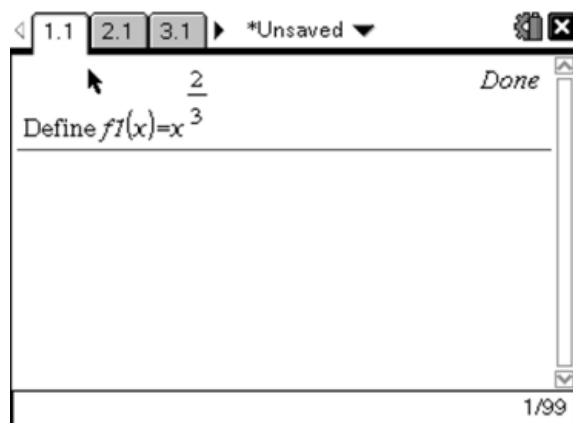


4.1 Extreme values of functions

local vs global extreme values

critical points, endpoints

Oct 18-8:47 AM

find extrema of $f(x)$ on $[2,3]$. Solve graphically and analytically

Oct 18-8:51 AM

find extrema of $f(x)$. Solve graphically and analytically

Define $f1(x) = \frac{1}{\sqrt{4-x^2}}$

Done

1/99

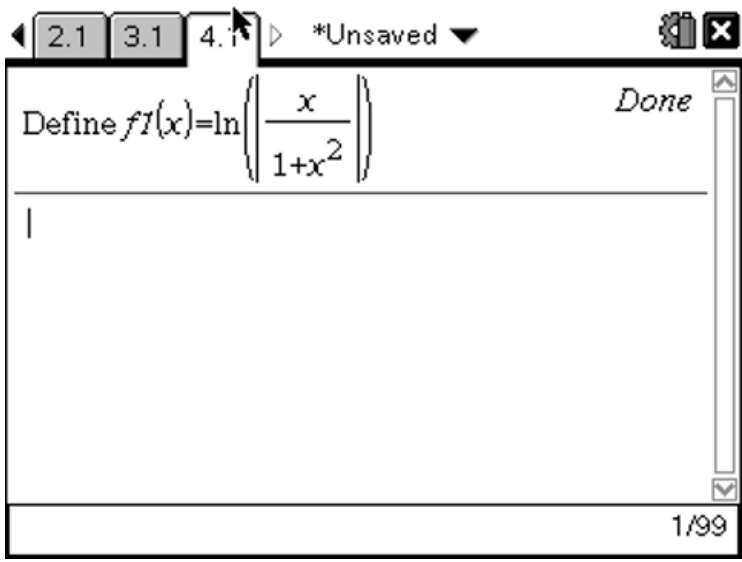
Oct 18-8:52 AM

Define $f1(x) = \begin{cases} 5-2x^2, & x \leq 1 \\ x+2, & x > 1 \end{cases}$

Done

1/99

Oct 18-9:00 AM



Define $f1(x) = \ln\left(\frac{x}{1+x^2}\right)$

Done

1/99

Oct 18-9:01 AM